Network Address Translation in the Global System
for Mobile Communications

Abstract

5   The network address translation system in a Global System for Mobile Communications network isolates internal IP traffic from external IP traffic in the Inter-Working Function (IWF) of a Global System for Mobile Communications network by assigning dual IP addresses for the Inter-Working Function Protocol Engine. The Inter-Working Function Protocol Engine includes one or more 10 Ethernet Ports, each of which is assigned a private IP address, to connect to the Ethernet Switch as well as a public IP address of the customer's network, used to connect to L2TP Network Server.

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